

Title (en)
POLY-1-N-ALKENE AMINES AND MOTOR FUEL AND LUBRICANT COMPOSITIONS CONTAINING THEM

Title (de)
POLY-1-N-ALKENAMINE UND DIESE ENTHALTENDE KRAFT- UND SCHMIERSTOFFZUSAMMENSETZUNGEN

Title (fr)
POLY-1-N-ALCENAMINES ET COMPOSITIONS DE CARBURANT ET DE LUBRIFIANT LES CONTENANT

Publication
EP 0695338 A1 19960207 (DE)

Application
EP 94913569 A 19940411

Priority
• DE 4313088 A 19930422
• EP 9401113 W 19940411

Abstract (en)
[origin: US5746786A] PCT No. PCT/EP94/01113 Sec. 371 Date Oct. 23, 1995 Sec. 102(e) Date Oct. 23, 1995 PCT Filed Apr. 11, 1994 PCT Pub. No. WO94/24231 PCT Pub. Date Oct. 27, 1994 Fuel and lubricant compositions contain a poly-1-n-alkenylamine as an additive.

IPC 1-7
C10L 1/22; C10M 133/54; C10M 133/58; C10M 133/04; C10M 133/38; C10L 10/00

IPC 8 full level
C10L 1/234 (2006.01); **C07C 211/07** (2006.01); **C08F 8/32** (2006.01); **C10L 1/22** (2006.01); **C10L 1/222** (2006.01); **C10L 1/232** (2006.01); **C10L 1/2383** (2006.01); **C10L 10/00** (2006.01); **C10L 10/08** (2006.01); **C10L 10/18** (2006.01); **C10M 133/04** (2006.01); **C10M 133/38** (2006.01); **C10M 133/54** (2006.01); **C10M 133/56** (2006.01); **C10M 133/58** (2006.01); **C10N 30/04** (2006.01)

CPC (source: EP US)
C07C 211/07 (2013.01 - EP US); **C08F 8/32** (2013.01 - EP US); **C10L 1/2383** (2013.01 - EP US); **C10M 133/54** (2013.01 - EP US); **C10M 133/56** (2013.01 - EP US); **C10M 2215/04** (2013.01 - EP US); **C10M 2215/26** (2013.01 - EP US); **C10M 2217/046** (2013.01 - EP US); **C10M 2217/06** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/251** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US); **C10N 2040/28** (2013.01 - EP US)

C-Set (source: EP US)
C08F 8/32 + C08F 10/00

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
US 5746786 A 19980505; AT E145002 T1 19961115; AU 6566894 A 19941108; AU 676310 B2 19970306; BR 9406507 A 19960109; CA 2156745 A1 19941027; CA 2156745 C 20041019; DE 4313088 A1 19941027; DE 59401004 D1 19961212; DK 0695338 T3 19961125; EP 0695338 A1 19960207; EP 0695338 B1 19961106; ES 2094058 T3 19970101; FI 954963 A0 19951018; FI 954963 A 19951018; HU 217173 B 19991228; HU 9503036 D0 19951228; HU T73317 A 19960729; JP H08508777 A 19960917; KR 100294811 B1 20011024; NO 315801 B1 20031027; NO 954209 D0 19951020; NO 954209 L 19951020; NZ 265267 A 19961220; PL 185358 B1 20030430; PL 311227 A1 19960205; RU 2126440 C1 19990220; UA 37230 C2 20010515; WO 9424231 A1 19941027

DOCDB simple family (application)
US 53281095 A 19951023; AT 94913569 T 19940411; AU 6566894 A 19940411; BR 9406507 A 19940411; CA 2156745 A 19940411; DE 4313088 A 19930422; DE 59401004 T 19940411; DK 94913569 T 19940411; EP 9401113 W 19940411; EP 94913569 A 19940411; ES 94913569 T 19940411; FI 954963 A 19951018; HU 9503036 A 19940411; JP 52272094 A 19940411; KR 19950704596 A 19951020; NO 954209 A 19951020; NZ 26526794 A 19940411; PL 31122794 A 19940411; RU 95122679 A 19940411; UA 95114925 A 19940411